

Abstract

Medical devices having at least a portion thereof coated with a lubricious polymer are disclosed. The lubricious polymer can be, for instance, a hydrogel polymer, such as a quaternary amine acrylate polymer. To bond the lubricious polymer to the surface of the medical device, the medical device is first subjected to a solvent and a multi-functional monomer. The solvent causes the multi-functional monomer to become imbibed into the surface of the medical device. Thereafter, a polymer having lubricious properties is polymerized on the surface of the device. The multi-functional monomer reacts with the polymer coating securely affixing the polymer coating to the device.